IZER ONADIM

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First-year MEng Computing student at Imperial College London with two years of programming experience, an excellent academic record and good communication skills. Seeking an 8-12 week summer internship in London.

Skills

- Proficient in Python, with experience using NumPy, Matplotlib, Pandas, SciPy and Pygame.
- Comfortable with Haskell and functional programming.
- Experienced with HTML, CSS, SQL, R, Git and some JavaScript.
- Experience in running machine learning models using H2O library in R.
- Familiar with object-oriented programming concepts and data structures.
- Comfortable with using WordPress and FTP, currently running a personal website (onadim.net).

Education

2019 -   **MEng Computing (Artificial Intelligence), Imperial College London**
- Completed a module on Haskell, during which I became familiar with functional programming.
- Modules that will be completed this year include Java, C, Databases, Computer Architecture, Graphs and Algorithms, Reasoning about programs, Logic, Discrete Mathematics, and a group programming project in C.
- Taking part in optional Imperial 'Horizons' module on entrepreneurship.

2007 - 2019   **Dulwich College, London**
- A-Levels: Computer Science (A*), Physics (A*), Maths (A*), Further Maths (A).
- GCSEs: 11 A*s and a Free-Standing Mathematics Qualification (FSMQ) from OCR (achieved A - highest grade).
- Senior Prefect: Organised many events and gave talks to large audiences of peers and sponsors (100+).

Experience

Aug 2018   **BT main research facility - Adastral Park**
- Completed a week of work experience at BT in which I worked on the machine learning team.
- Introduced to programming language R, and the machine learning library H2O.
- Implemented machine learning models using H2O on many different datasets.

Sept - Jun 2018   **Young Enterprise Competition**
- Started and ran a company with a team of students from Dulwich College and Sydenham High School.
- Made it through to the second stage of the competition, winning several awards.
- Performed the role of company secretary, gaining organisational and leadership skills.

Projects

Python Video Game   **Over 1800 lines of code**
- The game had the following features: many game modes, pausing, saving and loading functionality, a responsive user interface and a high score system. Compiled python code into an executable file.
- Learned to work with these libraries: Pygame, cxFreeze, OS, math, shelve, random, time and datetime.

Portfolio   **izeronadim.github.io**
- Created a portfolio to showcase projects that were completed outside of university.
- Used HTML, CSS and JavaScript to implement a smooth and highly responsive website.
- Implemented portfolio using GitHub pages, gaining experience with using Git version control software.

Activities/Interests

- Active member of Department of Computing Society and Imperial College Data Science Society. Regularly attend technical and industry events, such as the Netcraft JavaScript Skimming competition.
- Enjoy playing rugby and have performed at Shakespeare's Globe Theatre.